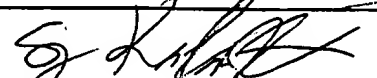


Substitute for form 1449B/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)		<b>Complete if Known</b>		
		Application Number	09/008,947	
		Filing Date	01/20/1998	
		First Named Inventor	Mills	
		Group Art Unit	1745	
		Examiner Name	Kalafut	
Sheet	1	9	Attorney Docket Number	

## OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS

Examine r Initials*	Cite No. 1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	58	<del>R. L. Mills, "Classical Quantum Mechanics," Physics Essays, in press. (Web Publication Date: May 23, 2002.)</del>	
	60	<del>R. L. Mills, J. Sankar, A. Voigt, J. He, B. Dhandapani, "Synthesis of HDLC Films from Solid Carbon," Journal of Materials Science, in press. (Web Publication Date: May 3, 2002.)</del>	
	77	<del>J. Phillips, R. L. Mills, X. Chen, "Water Bath Calorimetric Study of Excess Heat in 'Resonance Transfer' Plasmas," J. Appl. Phys., Vol. 96, No. 6, (2004) 3095-3102. (Web Publication Date: June 16, 2003.)</del>	
	80	<del>R. L. Mills, "The Fallacy of Feynman's Argument on the Stability of the Hydrogen Atom According to Quantum Mechanics," Annales de la Fondation Louis de Broglie, submitted. (Web Publication Date: Jan. 27, 2003.)</del>	
	81	<del>R. Mills, P. Ray, B. Dhandapani, W. Good, P. Jansson, M. Nansteel, J. He, A. Voigt, "Spectroscopic and NMR Identification of Novel Hydride Ions in Fractional Quantum-Energy States Formed by an Exothermic Reaction of Atomic Hydrogen with Certain Catalysts," European Physical Journal: Applied Physics, 28, (2004), 83-104. (Web Publication Date: Feb. 21, 2003.)</del>	
	88	<del>R. Mills, J. Sankar, A. Voigt, J. He, P. Ray, B. Dhandapani, "Role of Atomic Hydrogen Density and Energy in Low Power CVD Synthesis of Diamond Films," Thin Solid Films, 478, (2005) 77-90. (Web Publication Date: Dec. 22, 2003.)</del>	
	94	<del>R. L. Mills, "The Nature of the Chemical Bond Revisited and an Alternative Maxwellian Approach," Physics Essays, in press. (Web Publication Date: Aug. 6, 2003.)</del>	
	96	<del>J. J. Phillips, C. K. Chen, R. L. Mills, "Evidence of the Production of Hot Hydrogen Atoms in RF Plasmas by Catalytic Reactions Between Hydrogen and Oxygen Species," Spectrochimica Acta Part B: Atomic Spectroscopy, submitted. (Web Publication Date: Sept. 12, 2003.)</del>	
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Examiner Signature		Date Considered	7/14/15
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Substitute for form 1449B/PTO

**Complete if Known**

Application Number 09/008,947

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First Named Inventor Mills

Group Art Unit 1745

Examiner Name Kalafut

Attorney Docket Number

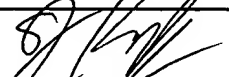
**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

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Sheet 2 of 9

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OK	100	R. Mills, B. Dhandapani, J. He, "Highly Stable Amorphous Silicon Hydride from a Helium Plasma Reaction," Materials Chemistry and Physics, submitted. (Web Publication Date: Nov. 17, 2003.)	
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	103	<del>R. L. Mills, Dhandapani, W. Good, J. He, "New States of Hydrogen Isolated from K<sub>2</sub>CO<sub>3</sub> Electrolysis Gases," Electrochim. Acta, submitted. (Web Publication Date: April 28, 2004.)</del>	
	104	<del>R. L. Mills, Y. Lu, M. Nansteel, J. He, A. Voigt, W. Good, B. Dhandapani, "Energetic Catalyst-Hydrogen Plasma Reaction as a Potential New Energy Source," Division of Fuel Chemistry, Session: Advances in Hydrogen Energy, 228th American Chemical Society National Meeting, August 22-26, 2004, Philadelphia, PA.</del>	

Examiner Signature		Date Considered	7/19/05
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# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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	105	<del>J. Phillips, C. K. Chen, R. L. Mills, "Evidence of Catalytic Production of Hot Hydrogen in RF-Generated Hydrogen/Argon Plasmas," IEEE Transactions on Plasma Science, submitted. (Web Publication Date: September 7, 2004.)</del>	
	106	<del>R. L. Mills, "Exact Classical Quantum Mechanical Solution for Atomic Helium which Predicts Conjugate Parameters from a Unique Solution for the First Time," Foundations of Science, submitted. (Web Publication Date: October 28, 2004.)</del>	
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SignatureDate  
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Group Art Unit 1745

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INFORMATION DISCLOSURE  
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OK		CRITCHLEY <i>et al.</i> , "Energy shifts and forbidden transitions in H <sub>2</sub> due to electronic g/u symmetry breaking", <i>Molecular Physics</i> , 2003, Vol. 101, Nos. 4-5, pp. 651-661, Taylor & Francis Ltd. (month unknown)	
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Examiner  
Signature

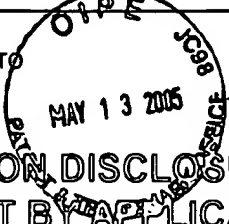
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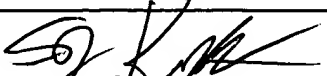
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		Filing Date	01/20/1998		
		First Named Inventor	Mills		
		Group Art Unit	1745		
		Examiner Name	Kalafut		
Sheet	5	of	9	Attorney Docket Number	

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OK		COTTON <i>et al.</i> , "Complexes of Cyclic 2-Oxacarbenes. I. A Spontaneous Cyclization to Form a Complex of 2-Oxacyclopentylidene", <i>Journal of the American Chemical Society</i> , 93:11, pp. 2672-2676, June 2, 1971	
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OK		SMITH, "Infrared spectra of BO <sub>2</sub> - in the alkali halides-L. Potassium and rubidium halides", <i>Spectrochimica Acta</i> , Vol. 30A, pp. 875-882, Pergamon Press, 1974	NO DATA
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Examiner Signature		Date Considered	7/14/05
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		First Named Inventor	Mills		
		Group Art Unit	1745		
		Examiner Name	Kalafut		
Sheet	6	of	9	Attorney Docket Number	

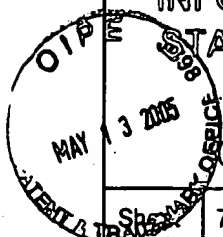
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OK		MILLS <i>et al.</i> , "Catalysis of Atomic Hydrogen to Novel Hydrides as a New Power Source", pp. 1-8, BlackLight Power, Inc.	NO DATE
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Examiner Signature	<i>G. Kalafut</i>	Date Considered	7/14/05
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First Named Inventor

Mills

Group Art Unit

1745

Examiner Name

Kalafut

Attorney Docket Number

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Sheet 9

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First Named Inventor Mills

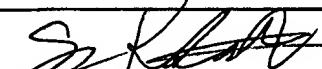
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**OTHER PRIOR ART — NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
OK		OLTHOFF <i>et al.</i> , "Studies of Ion Kinetic-Energy Distributions in the Gaseous Electronics Conference RF Reference Cell", <i>Journal of Research of the National Institute of Standards and Technology</i> , 100:4, pp. 383-400, July-August 1995	
OK		RADOVANOV <i>et al.</i> , "Ion kinetic-energy distributions and Balmer-alpha (H <sub>α</sub> ) excitation in Ar-H <sub>2</sub> radio-frequency discharges", <i>J. Appl. Phys.</i> , 78:2, pp. 746-756, July 15, 1995	
OK		DJUROVIC <i>et al.</i> , "Hydrogen Balmer alpha line shapes for hydrogen-argon mixtures in a low-pressure rf discharge", <i>J. Appl. Phys.</i> , 74:11, pp. 6558-6565, December 1, 1993, American institute of Physics	
OK		ALEXEFF <i>et al.</i> , "Collisionless Ion-Wave Propagation and the Determination of the Compressions Coefficient of Plasma Electrons", <i>Physical Review Letters</i> , 15:7, pp. 286-288, August 16, 1999	
OK		ARATA <i>et al.</i> , "Reproducible 'Cold' Fusion Reaction Using a Complex Cathode", <i>Fusion Technology</i> , 22, pp. 287-295, September 1992	
OK		BURKHOLDER <i>et al.</i> , "Reactions of boron atoms with molecular oxygen. Infrared spectra of BO, BO <sub>2</sub> , B <sub>2</sub> O <sub>2</sub> , B <sub>2</sub> O <sub>3</sub> , and BO <sub>2</sub> in solid argon", <i>J. Chem. Phys.</i> , 95:12, pp. 8697-8709, December 15, 1991	
OK		SPURGIN, "Direct Conversion of the Random Thermal Energy of a Plasma Into Electrical Energy", Master's Thesis, The University of South Florida, June 1972	

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